

Appendix G

Selections from Chapter 61 Water Quality Standards

The following parts of Chapter 61 have been selected to help identify the sections relevant to Leaking Underground Storage Tank sites.

61.3(1) *Surface water classification.* All waters of the state are classified for protection of beneficial uses. These classified waters include general use segments and designated use segments.

a. **General use segments.** These are **intermittent** watercourses and those watercourses which typically flow only for short periods of time following precipitation in the immediate locality or as a result of discharges from wastewater treatment facilities, and whose channels are normally above the water table. These waters do not support a viable aquatic community of significance during low flow, and do not maintain pooled conditions during periods of no flow.

However, during periods when sufficient flow exists in the intermittent flow periods to support various uses, the general use segments are to be protected for livestock and wildlife watering, noncontact recreation, crop irrigation, and industrial, agricultural, domestic and other incidental water withdrawal uses. The aquatic life existing within these watercourses during elevated flows will be protected from acutely toxic conditions.

b. **Designated use segments.** These are water bodies which maintain flow throughout the year, or contain sufficient pooled areas during intermittent flow periods to maintain a viable aquatic community of significance.

Designated use waters are to be protected for all uses of general use segments in addition to the specific uses assigned.

61.3(2) *General water quality criteria.* The following criteria are applicable to all surface waters including general use and designated use waters, at all places and at all times to protect livestock watering and wildlife watering, aquatic life, noncontact recreation, crop irrigation, and industrial, domestic, agricultural and other incidental water withdrawal uses not protected by the specific numerical criteria of subrule 61.3 (3).

b. Such waters shall be **free from floating debris, oil, grease**, scum and other floating materials attributable to wastewater discharges or agricultural practices in amounts sufficient to create a nuisance.

d. Such waters shall be free from substances attributable to wastewater discharges or agricultural practices in concentrations or combinations which are **acutely toxic to human, animal, or plant life**.

61.3(5) *Surface water classification.*

The list of stream segments and their classifications are on pages 11-118 of Chapter 61.

The list of lakes and wetlands and their classifications are on pages 119-138 of Chapter 61.